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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
**NICHOLAS DALE** )  
) Art Unit:  
Serial No. 10/510,932 )  
) Examiner:  
Filed: **January 21, 2005** )  
)  
For: **BIOSENSOR FOR PURINES** )

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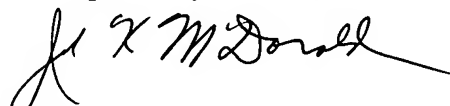
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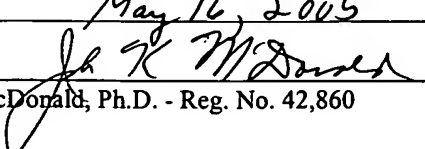
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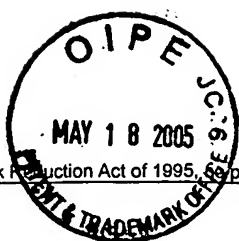
Respectfully submitted,

  
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Our Docket: 46309-306290

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		<b>Application Number</b>	10/510,932
		<b>Filing Date</b>	January 21, 2005
		<b>First Named Inventor</b>	Dale
		<b>Group Art Unit</b>	
<b>Examiner Name</b>		<b>Attorney Docket Number</b>	46309-306290
<b>Sheet</b>	1	<b>of</b>	1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	5,024,816		Arai et al.	06/18/1991	
	2	6,197,881		Cosnier	03/06/2001	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	3		EP 0 125 136		Genetics International, Inc.	11/14/1984		
	4		EP 0 537 761		Matsushita Electric Industrial Co., Ltd.	04/21/1993		
	5		EP 0 771 867		Japat Ltd.	07/05/1997		
	6		EP 0 909 952		Matsushita Electric Industrial Co., Ltd	04/21/1999		
	7		WO 99/07877		The University Court of the University of St. Andrews	02/18/1999		
	8		EP 0 969 097		Matsushita Electric Industrial Co., Ltd	01/05/2000		

**OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	9	BARTLETT ET AL.; "A review of the immobilization of enzymes in electropolymerized films"; <i>Journal of Electroanalytical Chemistry</i> , 362, 1993, pp. 1-12	
	10	COCHE-GUERENTE ET AL.; "Development of amperometric biosensors based on the immobilization of enzymes in polymer films electrogenerated from a series of amphiphilic pyrrole derivatives"; <i>Analytica Chimica Acta</i> ; 311 (1995) pp. 23-30	
	11	COSNIER ET AL.; "An Electrochemical Method for Making Enzyme Microsensors. Application to the Detection of Dopamine and Glutamate"; <i>Anal. Chem.</i> ; 1997, 69, pp. 968-971	
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	13	DALE ET AL.; "Direct measurement of adenosine release during hypoxia in the CA1 region of the rat hippocampal slice"; <i>Journal of Physiology</i> ; (2000), 526.1, pp. 143-155	
	14	DALE; "Delayed production of adenosine underlies temporal modulation of swimming in frog embryo"; <i>Journal of Physiology</i> ; (1998), 511.1, pp. 265-272	
	15	DERONZIER ET AL.; "Functionalized Polypyrroles. New Molecular Materials for Electrocatalysis and Related Applications"; <i>Acc. Chem. Res.</i> ; 1989, 22, pp. 249-255	
	16	PEARSON ET AL.; "A Depletable Pool of Adenosine in Area CA1 of the Rat Hippocampus"; <i>The Journal of Neuroscience</i> ; April 1, 2001, 21(7):2298-2307	
	17	POITRY ET AL.; "Detection of glutamate released by neurons with an enzyme-based microelectrode: applications and limitations"; <i>Electrochimica Acta</i> ; Vol. 42, Nos. 20-22, pp. 3217-3223	
	18	ZHOU ET AL.; "Methanol removal from organic mixtures by pervaporation using polypyrrole membranes"; <i>Journal of Membrane Science</i> ; 117 (1996) 303-309	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.